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(3) 41. (New) The radiopaque stent of claim 34, wherein the cobalt chromium alloy further comprises chromium in a concentration of between about 19 to 21 percent by weight, tungsten in a concentration of between about 14 to 16 percent by weight, nickel in a concentration of between about 9 to 11 percent by weight, iron in a concentration of less than about 3 percent by weight, manganese in a concentration of between about 1 to 2 percent by weight, and trace elements selected from the group of silicon, phosphorus, carbon and sulfur, in a concentration of less than about 1 percent by weight.

42. (New) The radiopaque stent of claim 41, wherein cobalt comprises the balance of the cobalt chromium alloy.

43. (New) The radiopaque stent of claim 34, wherein the cobalt chromium alloy further comprises chromium in a concentration of between about 19 to 21 percent by weight, tungsten in a concentration of between about 14 to 16 percent by weight, and nickel in a concentration of between about 9 to 11 percent by weight.

44. (New) The radiopaque stent of claim 43, wherein the cobalt chromium alloy further comprises iron in a concentration of less than about 3 percent by weight, and manganese in a concentration of between about 1 to 2 percent by weight.

45. (New) A radiopaque stent comprising a cylindrical body composed of a cobalt chromium alloy having chromium in a concentration of between about 19 to 21 percent by

weight, tungsten in a concentration of between about 14 to 16 percent by weight, and nickel in a concentration of between about 9 to 11 percent by weight.

46. (New) The radiopaque stent of claim 45, wherein the cobalt chromium alloy further comprises iron in a concentration of less than about 3 percent by weight, and manganese in a concentration of between about 1 to 2 percent by weight.

47. (New) The radiopaque stent of claim 46, wherein the cobalt chromium alloy further comprises trace elements selected from the group of silicon, phosphorus, carbon and sulfur, in a concentration of less than about 1 percent by weight.

48. (New) The radiopaque stent of claim 47, wherein cobalt comprises the balance of the cobalt chromium alloy.

49. (New) The radiopaque stent of claim 45, wherein the cobalt chromium alloy is capable of at least about 30 percent elongation.

50. (New) The radiopaque stent of claim 45, wherein the cobalt chromium alloy is capable of at least about 20 percent elongation.

51. (New) The radiopaque stent of claim 45, wherein the cylindrical body is balloon expandable.

52. (New) The radiopaque stent of claim 45, wherein at least one wire is shaped to form the cylindrical body.